

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Lindsay Light II OU16 - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
Final POLREP  
Lindsay Light II OU16  
05YT  
Chicago, IL  
Latitude: 41.8922180 Longitude: -87.6220190

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**From:** Verneta Simon, on-scene coordinator

**Date:** 9/19/2011

**Reporting Period:** 1/5/2011 -9/15/2011

## **1. Introduction**

### **1.1 Background**

<b>Site Number:</b>	05YT	<b>Contract Number:</b>	N/A
<b>D.O. Number:</b>	N/A	<b>Action Memo Date:</b>	12/9/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	PRP Oversight
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	OU 16
<b>Mobilization Date:</b>	12/17/2010	<b>Start Date:</b>	12/17/2010
<b>Demob Date:</b>		<b>Completion Date:</b>	9/15/2011
<b>CERCLIS ID:</b>	ILD 0000002212	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### **1.1.1 Incident Category**

Redevelopment of commercial property.

#### **1.1.2 Site Description**

This property was formerly a multi-story building with various entry addresses including 207 East Grand, 209 East Grand, and 211 East Grand. For purposes of this POLREP, the physical address will be 211 East Grand. In April 2010, the owner, Ronald McDonald House Charities of Chicagoland & Northwest Indiana (RMC), completed demolition of the multi-story building to prepare for construction of a 14-story Ronald McDonald House.

##### **1.1.2.1 Location**

**211 East Grand, Chicago, Illinois**

#### **1.1.2.2 Description of Threat**

**This property was contaminated with radioactive throrium. In the 1990's, the Streeterville clean-up criterion of 7.1 picoCuries per gram (pCi/g) was established by U.S. EPA. RMC's environmental consultant, AECOM, analyzed a soil sample and the result was 44 pCi/g.**

#### **1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

**During September 2010, the property owner's environmental consultant, AECOM, contacted U.S. EPA to inform us of the results of recent radiological screening. The results were indicative of thorium-contaminated soils.**

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

#### **2.1.2 Response Actions to Date**

**AECOM began excavating on or about 12/17. When AECOM completed excavation, they had filled approximately fifty-seven 1 one cubic yard bags. The highest soil concentration identified by AECOM was 847.95 pCi/g, using NUTRANL. The approximate dimensions for the excavation were as follows: length 32 feet, width 20 to 22 feet, and the maximum depth overall was 5 ½ feet. On 12/22/2010, Gene Jablonski, U.S. EPA Superfund Health Physicist, verified the excavation before approving backfilling.**

#### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

**On December 9, 2010, U.S. EPA and RMC entered into an Administrative Settlement Agreement on Consent (ASAOC), docket no. V-W-10-C-960. RMC agreed to remove any thorium waste encountered during construction and also to record an institutional control requiring radiation surveillance of any areas not surveyed during construction. Then, on December 10, 2010, USEPA approved the work plan dated November 29, 2010 as revised on December 8, 2010. AECOM submitted the Final Report required by the ASAOC and U.S. EPA approved it on September 15, 2011. U.S. EPA subsequently issued a notice of completion letter on September 15, 2011.**

#### **2.1.4 Progress Metrics**

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
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11(e)(2) byproduct	soil	57	Not available		Energy Solutions Clive, Utah

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

#### **2.2.1.1 Planned Response Activities**

**More radiological screening will be conducted whenever activities disturb previously unsurveyed soils. Ronald McDonald Charities will record an environmental covenant that requires such radiological screening.**

#### **2.2.1.2 Next Steps**

**None**

#### **2.2.2 Issues**

**None.**

## **2.3 Logistics Section**

**Not applicable.**

## **2.4 Finance Section**

### **2.4.1 Narrative**

**Not applicable.**

## **2.5 Safety Officer**

**A site safety plan was prepared as part of the ASAOC.**

## **2.6 Liaison Officer**

**Not applicable.**

## **2.7 Information Officer**

### **2.7.1 Public Information Officer**

Not applicable.

### **2.7.2 Community Involvement Coordinator**

Mike Joyce is the USEPA Community Involvement Coordinator (CIC).

## **3. Participating Entities**

### **3.1 Unified Command**

Not applicable.

### **3.2 Cooperating and Assisting Agencies**

City of Chicago Department of Environment

## **4. Personnel On Site**

Not applicable.

## **5. Definition of Terms**

OSC – On-Scene Coordinator

U.S. EPA – United States Environmental Protection Agency

## **6. Additional sources of information**

### **6.1 Internet location of additional information/reports**

For additional information, please refer to “Documents” on [www.epaosc.org/](http://www.epaosc.org/).

### **6.2 Reporting Schedule**

This is the last POLREP.

## **7. Situational Reference Materials**